

Date Mailed: February 27, 2004

Sheet 1 of 4

Form 1449*	Docket Number: G&C 669.22-US-D1	Application Number: 10/659,549
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	Applicant: Diane Peruvia	
	Filing Date: September 10, 2003	Group Art Unit: 1653

U.S. PATENT DOCUMENTS - REFERENCES NOT REQUIRED						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
pc	5,871,965	2/16/99	Bandman et al.			10/25/96
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) REFERENCES NOT REQUIRED						
pc			Adams et al., "Initial assessment of human gene diversity and expression patterns based upon 83 million nucleotides of cDNA sequence" Nature, 377 (6547 SUPPL) pp. 3-174, 1995.			
			Asundi et al., "Molecular cloning and characterization of an isoprenylated 67 kDa protein" Biochimica et Biophysica Acta, (1217), pp. 257-265, 1994.			
			BLASTN with ss.hu.GBP4, 28 January 1998.			
			BLASTP with pl.GBP-4, 28 January 1998.			
			Braun et al., "Identification of target genes for the Ewing's sarcoma EWS/FLI fusion protein by representational difference analysis" Mol. Cell Biol., (15), pp.4623-4630, 1995.			
			Briken et al., "Interferon regulatory factor 1 is required for mouse Gbp gene activation by gamma interferon" Mol. Cell Biol., (15), pp. 975-982, 1995.			
			Cheng et al., "Affinity purification of an interferon-induced human guanylate-binding protein and its characterization" J. of Bio. Chem., (260), 15834-15839, 1985.			
			Cheng et al., "Interferon induction of fibroblast proteins with guanylate binding activity" J. of Bio. Chem., (258), pp.7746-7750, 1983.			
			Cheng et al., "Interferon-induced guanylate-binding proteins lack an N(T)KXD consensus motif and bind GMP in addition to GDP and GTP" Mol. Cell Biol., (11), pp. 4717-4725, 1991.			
			Cheng et al., "Nonidentical induction of the guanylate binding protein and the 56K protein by type I and type II interferons" J. Interferon Res., (6), pp. 417-427, 1986.			
pc			Darnell, Jr. et al., "Jak-STAT Pathways and Transcriptional Activation in Response to IFNs and Other Extracellular Signaling Proteins" Science, 264 (5164), pp. 1415-1421, 3 June 1994.			

EXAMINER: <i>hcc</i>	DATE CONSIDERED: 10-13-2005
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

G&C 669.22-US-D1

Date Mailed: February 27, 2004

Sheet 2 of 4

Form 1449*	Docket Number: G&C 669.22-US-D1	Application Number: 10/659,549
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	Applicant: Diane Pennica	
	Filing Date: September 10, 2003	Group Art Unit: 1653

pee		Decker et al., "Interactions of α - and γ -interferon in the transcriptional regulation of the gene encoding a guanylate-binding protein" EMBO J., (8), pp. 2009-2014, 1989.
		Dever and Merrick, "The GTP-binding domain revisited" <u>The guanine-nucleotide binding proteins: common structural and functional properties</u> , L. Bosch, B. Kraal, and A. Parmegiani, New York: Plenum Press, pp. 35-48, 1995.
		Dever et al., "GTP-binding domain: three consensus elements with distinct spacing" Proc. Natl. Acad. Sci. USA, (84), pp. 1814-1818, 1987.
		Diatchenko et al., "Suppression subtractive hybridization: a method for generating differentially regulated or tissue-specific cDNA probes and libraries" Proc. Natl. Acad. Sci. USA (93), pp. 6025-6030, 1996.
		Gibbs et al., "Farnesyltransferase inhibitors: Ras research yields a potential cancer therapeutic" Cell, (77), pp. 175-178, 1994.
		Grueberg and Maxfield, "Membrane transport in the endocytic pathway" Curr. Opin. Cell Biol., (7), pp. 552-563, 1995.
		Hancock et al., "A polybasic domain or palmitoylation is required in addition to the CAAX motif to localize p21ras to the plasma membrane" Cell, (63), pp. 133-139, 1990.
		Horisberger et al., "Cloning and sequence analyses of cDNAs for interferon- and virus induced human Mx proteins reveal that they contain putative guanine nucleotide-binding sites: functional study of the corresponding gene promoter" J. of Virology, (64) 1171-1181, 1990.
		Iolascon et al., "Frequent clonal loss of heterozygosity (LOH) in the chromosomal region 1p32 occurs in childhood T cell acute lymphoblastic leukemia (T-ALL) carrying rearrangements of the TAL1 gene" Leukemia, (11), pp. 359-363, 1997.
		Jumak, "Structure of the GDP domain of EF-Tu and location of the amino acids homologous to ras oncogene proteins" Science, (230), pp.32-36, 1985.
		Low et al., "Overlapping Elements in the Guanylate-Binding Protein Gene Promoter Mediate Transcriptional Induction by Alpha and Gamma Interferons" Molecular & Cellular Biology, 11, (1), pp. 182-191, 1991.
		Lewis et al., "Identification of putative c-Myc-responsive genes: characterization of rcl, a novel growth-related gene" Mol. Cell Biol., (17), pp. 4967-4978, 1997.
pee		Marks et al., "Protein targeting by tyrosine- and di-leucine- based signals: evidence for distinct saturable components" J. Cell Biol., (135), pp. 341-354, 1996.

EXAMINER: <i>K. Carlson</i>	DATE CONSIDERED: <i>10-13-2005</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

*Substitute Disclosure Statement Form (P1O-1449)

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

G&C 669.22-US-D1

Date Mailed: February 27, 2004

Sheet 3 of 4

Form 1449*	Docket Number: G&C 669.22-US-D1	Application Number: 10/659,549
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	Applicant: Diane Pennies	
	Filing Date: September 10, 2003	Group Art Unit: 1653

See	Nagai et al., "Detection and cloning of a common region of loss of heterozygosity at chromosome 1p in breast cancer" <i>Cancer Research</i> , (55), pp. 1752-1757, 1995.
	Nantais et al., "Prenylation of an interferon- γ -induced GTP-binding protein: the human guanylate binding protein, huGBP1" <i>J. Leukoc. Biol.</i> (60), 423-431, 1996.
	Neun et al., "GTPase properties of the interferon-induced human guanylate-binding protein 2" <i>FEBS Letters</i> , (390) pp. 69-72, 1996.
	Nicolet et al. "Promoter analysis of an interferon-inducible gene associated with macrophage activation" <i>J. Immunol.</i> , (152), pp. 153-162, 1994.
	Parsonnier, "Helicobacter pylori and gastric cancer" <i>Gastroenterol Clin. North Am.</i> (22), pp. 89-104, 1993.
	Peddanna et al., "Genetics of gastric cancer" <i>Anticancer Res.</i> , (15), pp. 2055-2064, 1995.
	Schena et al., "Quantitative monitoring of gene expression patterns with a complementary DNA microarray" <i>Science</i> (270), pp. 467-470, 1995.
	Schwemmle et al., "The interferon-induced 67-kDa guanylate-binding protein (hGBP1) is a GTPase that converts GTP to GMP" <i>J. of Bio. Chem.</i> , (269) pp.11299-11305, 1994.
	Schwemmle et al., "Chicken guanylate-binding protein. Conservation of GTPase activity and induction by cytokines" <i>J. of Biol. Chem.</i> , (271), pp.10304-10308, 1996.
	Shuai, "Interferon-activated signal transduction to the nucleus" <i>Curr. Opin. Cell Biol.</i> (6), pp. 253-259, 1994.
	Stemmermann et al., "The molecular biology of esophageal and gastric cancer and their precursors: oncogenes, tumor suppressor genes, and growth factors" <i>Hum. Pathol.</i> (25), pp. 968-981, 1994.
	Strausberg, "tw76b04 .x1 NCI_CGAP_Ut3 homo sapiens cDNA clone IMAGE: 2265583 3' similar to gb: M55542 INTERFERON-INDUCED GUANYLATE PROTEIN 1 (HUMAN); , mRNA sequence" (Accession No. AI811907.1), 9 may 1996.
	Strausberg, "ws36e12 .x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE: 2499310 3' similar to gb: M55542 INTERFERON-INDUCED GUANYLAE-BINDING PROTEIN 1 (HUMAN); , mRNA sequence" (Accession No. AI989871), 20 December 1995.
See	Strenthlow et al., "The interferon-inducible GBP1 gene: structure and mapping to human chromosome 1" <i>Gene</i> (144), pp. 295-299, 1994.

EXAMINER: <i>BCC</i>	DATE CONSIDERED: <i>10-13-2005</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

* Substitute Disclosure Statement Form (PFO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

G&C 669.22-US-D1

Date Mailed: February 27, 2004

Sheet 4 of 4

Form 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	Docket Number: G&C 669.22-US-D1	Application Number: 10/659,549
	Applicant: Diane Pennica	
	Filing Date: September 10, 2003	Group Art Unit: 1653

See	Tamura et al., "Two distinct regions for deletion on the long arm of chromosome 5 in differentiated adenocarcinomas of the stomach" <i>Cancer Research</i> , (56), pp. 612-615, 1996.
	Tanaka et al., "Cooperation of the tumour suppressors IRF-1 and p53 in response to DNA damage" <i>Nature</i> 382, pp. 816-818, 1996.
	Taylor et al., "Identification of a novel GTPase, the inducibly expressed GTPase, that accumulates in response to interferon γ " <i>J. of Biol. Chem.</i> , (271), pp. 20399-20405, 1996.
	Taylor et al., "The inducibly expressed GTPase localizes to the endoplasmic reticulum, independently of GTP binding" <i>J. of Biol. Chem.</i> , (272), pp. 10639-10645, 1997.
	Velculescu et al., "Serial analysis of gene expression" <i>Science</i> (270), pp. 484-487, 1995.
	Vestal et al., "A New IFN- γ Induced Member of a Family of Guanylate Binding Proteins, Murine GBP-2" <i>Molecular Biology of the Cell</i> , (7) 527A, Suppl. 1996.
	Vestal et al., "A New Murine IFN- γ Induced 67 KDA member of a Family of Guanylate Binding Proteins" <i>Molecular Biol. Of the Cell</i> , (6) 288A, Suppl. 1995.
	Vestal et al., "Rat p67 GBP is induced by interferon γ and isoprenoid-modified in macrophages" <i>Biochem. & Biophys. Res. Comm.</i> , (224), pp. 528-534, 1996.
	Willman et al., "Deletion of IRF-1, mapping to chromosome 5q31.1, in human leukemia and preleukemic myelodysplasia" <i>Science</i> , (259), pp. 968-971, 1993.
	Wynn et al., "Identification and characterization of a new gene family induced during macrophage activation" <i>J. Immunol.</i> , (147), pp. 4384-4392, 1991.
	Zhang et al., "Gene expression profiles in normal and cancer cells" <i>Science</i> , (276), pp. 1268-1272, 1997.
See	Zhang et al., "Protein prenylation: molecular mechanisms and functional consequences" <i>Annu. Rev. Biochem.</i> , (65), pp. 241-269, 1996.

EXAMINER: <i>K. Carter</i>	DATE CONSIDERED: 10-13-2005
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

G&C 669.22-US-D1